

NAIR et al -- Serial No.: 09/875,264

Sequence Listing does not raise the issue of new matter as the sequence information contained therein is presented in the application as originally filed. The computer readable copy of the Sequence Listing submitted herewith is believed to be the same as the attached paper copy of that Listing.

Attached hereto is a marked-up version of the changes made to the specification by the current amendment. The attached pages are captioned "Version With Markings To Show Changes Made."

An early and favorable Action on the merits is requested.

Respectfully submitted,

NIXON & VANDERHYE, P.C.

By Mary J. Wilson  
Mary J. Wilson  
Reg. No. 32,955

MJW:tat

1100 North Glebe Road  
8<sup>th</sup> Floor  
Arlington, Virginia 22201-4714  
Telephone: (703) 816-4000  
Facsimile: (703) 816-4100

RECEIVED  
OCT 09 2002  
TECH CENTER 10

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The paragraph beginning at page 18, line 14:

The procedure used for RNase H site-specific cleavage of ovalbumin mRNA was adapted from those previously described (Donis-Keller, 1979, Nucl. Acid. Res. 7: 179-192). Briefly, 5-10  $\mu$ g mRNA from E.G7-OVA cells was suspended in 20 m HEPES-KOH, pH 8.0, 50 mM KCl, 4 mM  $MgCl_2$ , 1 mM DTT, 50  $\mu$ g/ml BSA and 2  $\mu$ M of either the oligodeoxynucleotide 5'-CAG TTT TTC AAA GTT GAT TAT ACT-3' (SEQ ID NO:1), which hybridizes to sequence in OVA mRNA that codes for the CTL epitope SIINFEKL (SEQ ID NO:3), or 5'-TCA TAT TAG TTG AAA CTT TTT GAC-3' (SEQ ID NO:2) (Oligos, Etc.), which serves as a negative control. The samples were heated to 50°C for 3 minutes followed by incubation at 37°C for 30 minutes. RNase H (Boehringer-Mannheim) was added at 10 U/ml, and digestion proceeded for 30 minutes at 37°C. RNA was recovered by phenol:chloroform and chloroform extraction, followed by isopropanol precipitation. RNA was pelleted by microcentrifugation, and the pellet was washed once with

70% ethanol. The pellet then was air-dried and resuspended in sterile water. Cleavage of OVA mRNA was confirmed by oligo dT primed reverse transcription of test and control samples, followed by PCR with OVA specific primers that flank the cleavage site. PCR with actin-specific primers was used to control between test and control samples.

The paragraph beginning at page 19, line 25:

The synthetic peptide encoding the CTL epitope in chicken ovalbumin OVA, aa 257-264 SIINF~~E~~KL (SEQ ID NO:3) (H-2K<sup>b</sup>), was used for peptide pulsing. The peptide had unblocked (free) amino and carboxyl ends (Research Genetics, Birmingham, AL). Peptides were dissolved in serum-free IMDM and stored at -20°C.